

CLAIMS

What is claimed is:

1. A method of installing a modular light assembly in a vehicle, the method comprising the steps of:
 - a. providing a common printed circuit board base;
 - b. attaching one of a plurality of different types of illumination sources onto the printed circuit board base to form a modular light assembly; and
 - c. mounting the modular light assembly onto one of a plurality of trim bezels.
2. The method according to Claim 1, wherein the common printed circuit board base has an electrical circuit thereon, the electrical circuit being for electrically connecting the illumination source to a source of electrical energy.
3. The method according to Claim 2, wherein the electrical circuit comprises one of an electrical wire and an electrically conductive trace.
4. The method according to Claim 1, wherein the illumination source is selected from the group consisting of incandescent bulbs, light emitting diodes, and electroluminescent devices.
5. The method according to Claim 1, wherein the common printed circuit board base further includes a switch.
6. The method according to Claim 1, wherein the common printed circuit board base is integrally formed with a vehicle wiring harness assembly.

7. The method according to Claim 1, wherein the bezels further include a plurality of outwardly extending mounting fingers, and wherein step (c) further includes mounting the modular light assembly to the mounting fingers in a snap-fit arrangement.

8. A plurality of modular light assemblies, each modular light assembly comprising:
a common printed circuit board base;
one of a first and a second illumination source, wherein the first and the second illumination sources are of different types; and
a mounting bracket for attaching the illumination source to the printed circuit board base.

9. The modular light assemblies according to Claim 8, wherein the common printed circuit board base has an electrical circuit thereon, the electrical circuit being for electrically connecting the illumination source to a source of electrical energy.

10. The modular light assemblies according to Claim 9 wherein the electrical circuit comprises one of an electrical wire and an electrically conductive trace.

11. The modular light assemblies according to Claim 8, wherein the illumination source is selected from the group consisting of incandescent bulbs, light emitting diodes, and electroluminescent devices.

12. The modular light assemblies according to Claim 8, wherein the common printed circuit board base further includes a switch.

13. The modular light assemblies according to Claim 8, wherein the common printed circuit board base is integrally formed with a vehicle wiring harness assembly.

14. A method of installing a wiring harness assembly in a vehicle, the method comprising the steps of:

a. assembling a wiring harness assembly comprising a plurality of wires, connectors, and light assemblies, wherein the connectors and the light assemblies are connected to ends of the wires; and

b. subsequently installing the wiring harness assembly into a vehicle component, such that the light assemblies can be mounted to trim bezels.

15. The method according to Claim 14, wherein the light assembly includes a common printed circuit board base, one of a first and a second illumination source, and a mounting bracket for attaching the illumination source to the printed circuit board base, wherein the first and the second illumination sources are of different types, wherein the trim bezels further include a plurality of outwardly extending mounting fingers, and wherein step (b) further includes mounting the light assemblies to the mounting fingers in a snap-fit arrangement.

16. The method according to Claim 15, wherein the printed circuit board base has an electrical circuit thereon, the electrical circuit being for electrically connecting the illumination source to a source of electrical energy.

17. The method according to Claim 16, wherein the electrical circuit comprises one of an electrical wire and an electrically conductive trace.

18. The method according to Claim 15, wherein the illumination source is selected from the group consisting of incandescent bulbs, light emitting diodes, and electroluminescent devices.

19. The method according to Claim 15, wherein the common printed circuit board base further includes a switch.

20. The method according to Claim 15, wherein the common printed circuit board base is integrally formed with a vehicle wiring harness assembly.